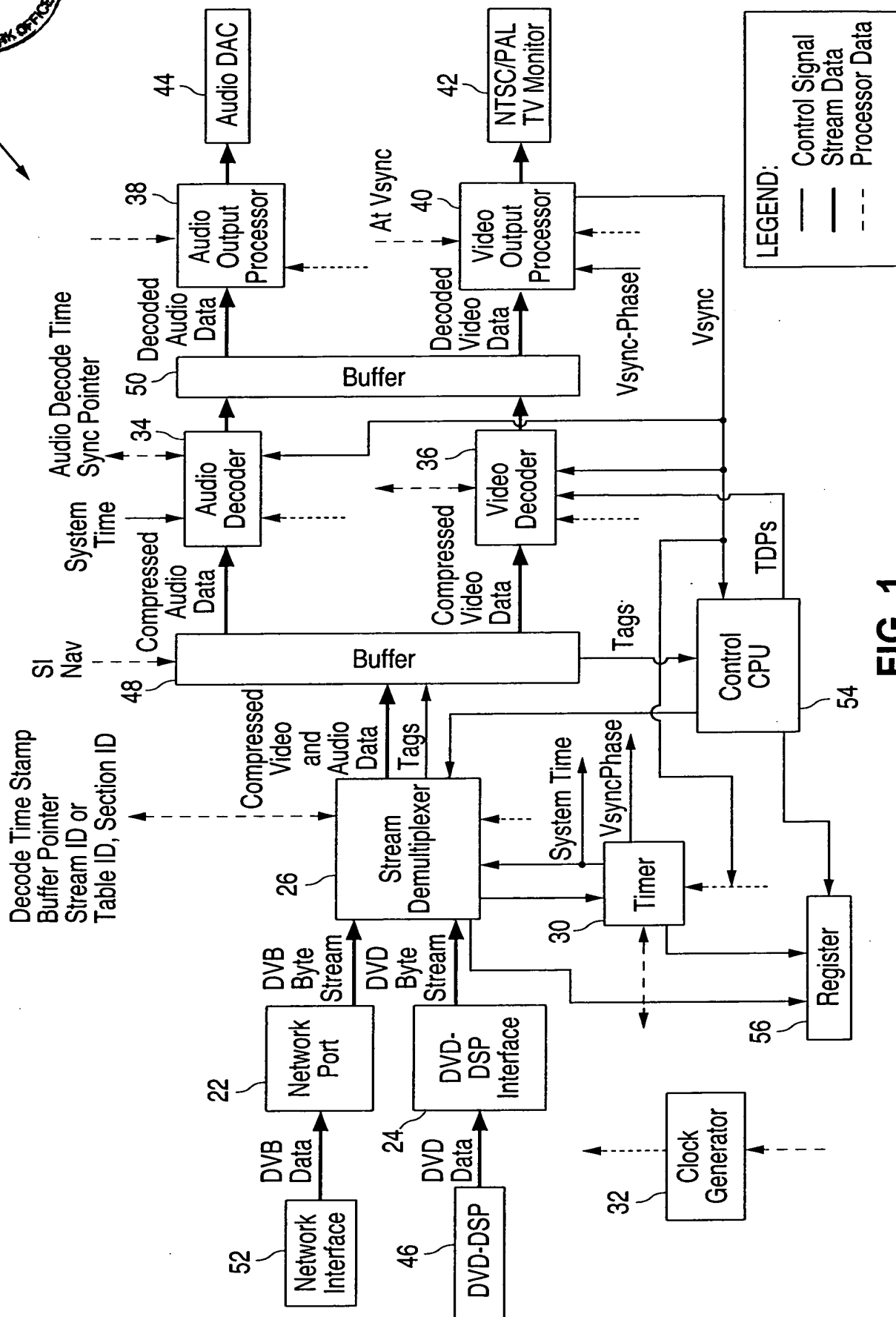


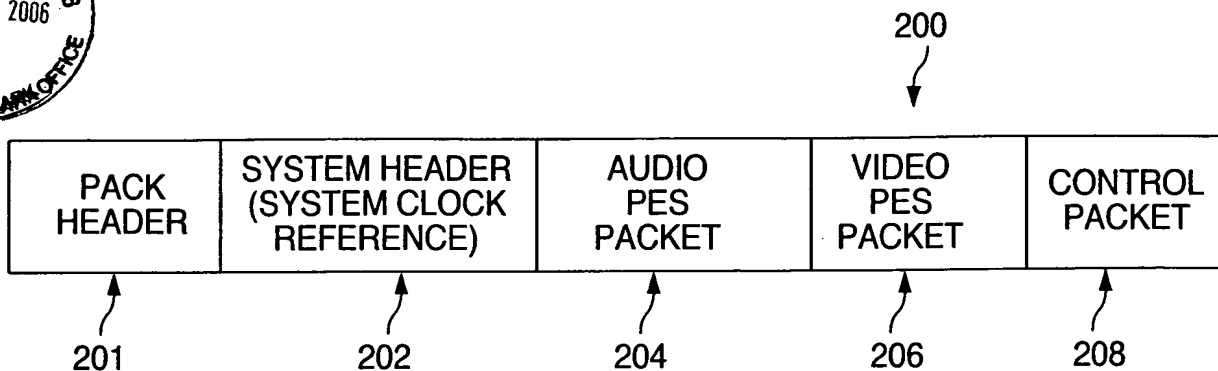
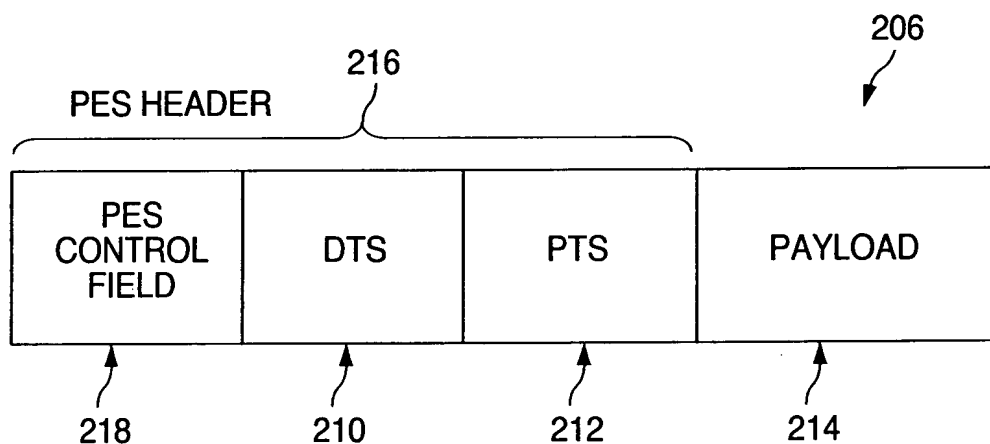
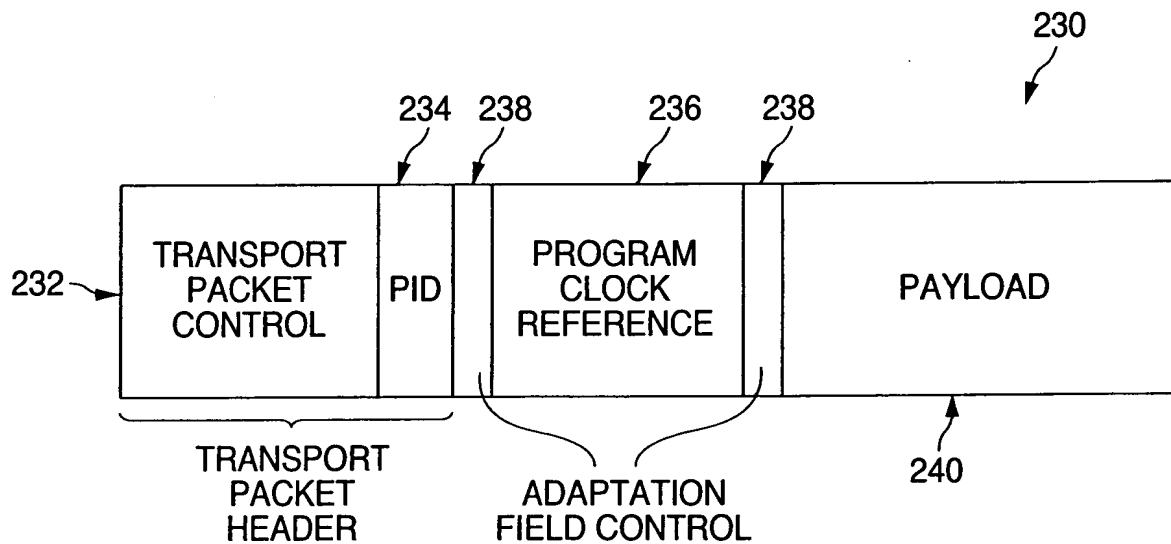


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**FIG. 2A****FIG. 2B****FIG. 2C**



Format of Task Definition Packet

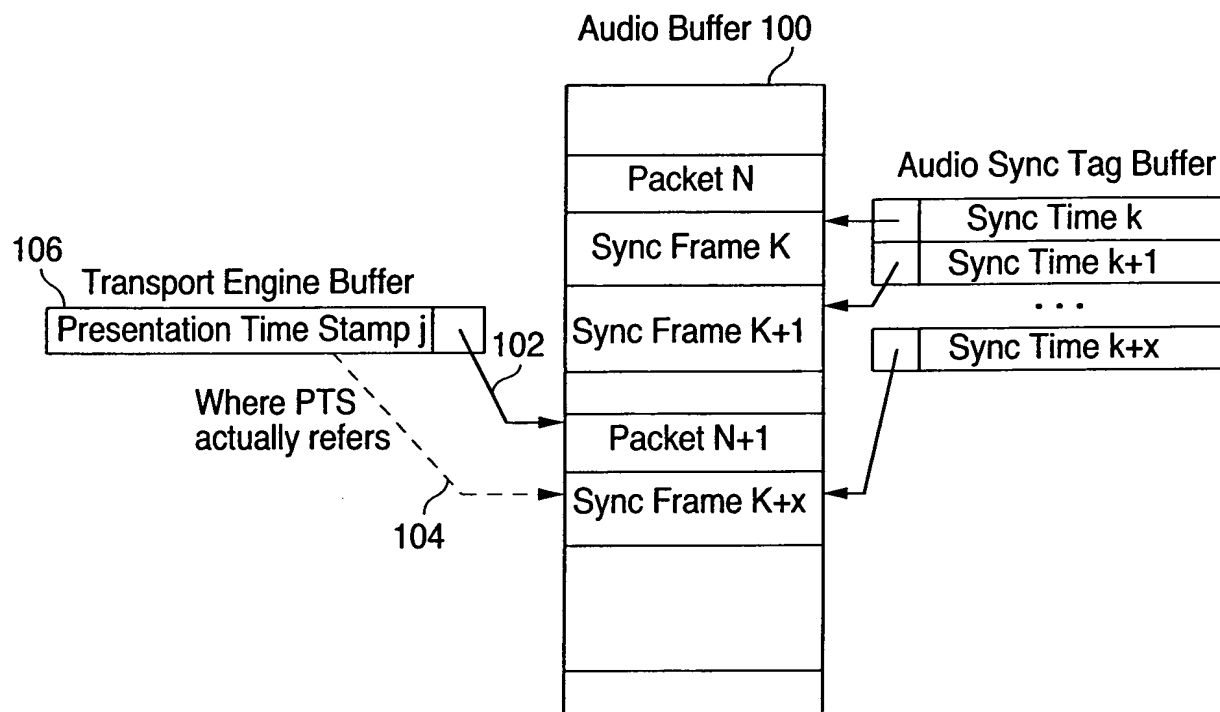
| Word offset | Data [31:0] |
|-------------|---|
| 0 | Address of picture to be decoded |
| 1 | Picture size bits |
| 2 | Picture control and Fcode Register bits |
| 3-34 | Quantizer Matrix Coefficients |
| 35-39 | Reserved |

FIG. 3

AUDIO SYNC WORD MESSAGE FORMAT

| bits [31:20] | bits [19:10] | bits [9:0] |
|--------------|---------------|------------------------|
| | SAMPRATE | NCHANS |
| | INBUF_LEVEL | LAYER |
| | FRM_SIZE | BITRATE |
| | OUTBUF_WR_PTR | |
| | INBUF_RD_PTR | |
| | FRM_NUMBER | |
| | STATUS | |
| | MSG_TYPE = 3 | MSG_ID = 0x100 - 0x1FF |

FIG. 4

**FIG. 5**

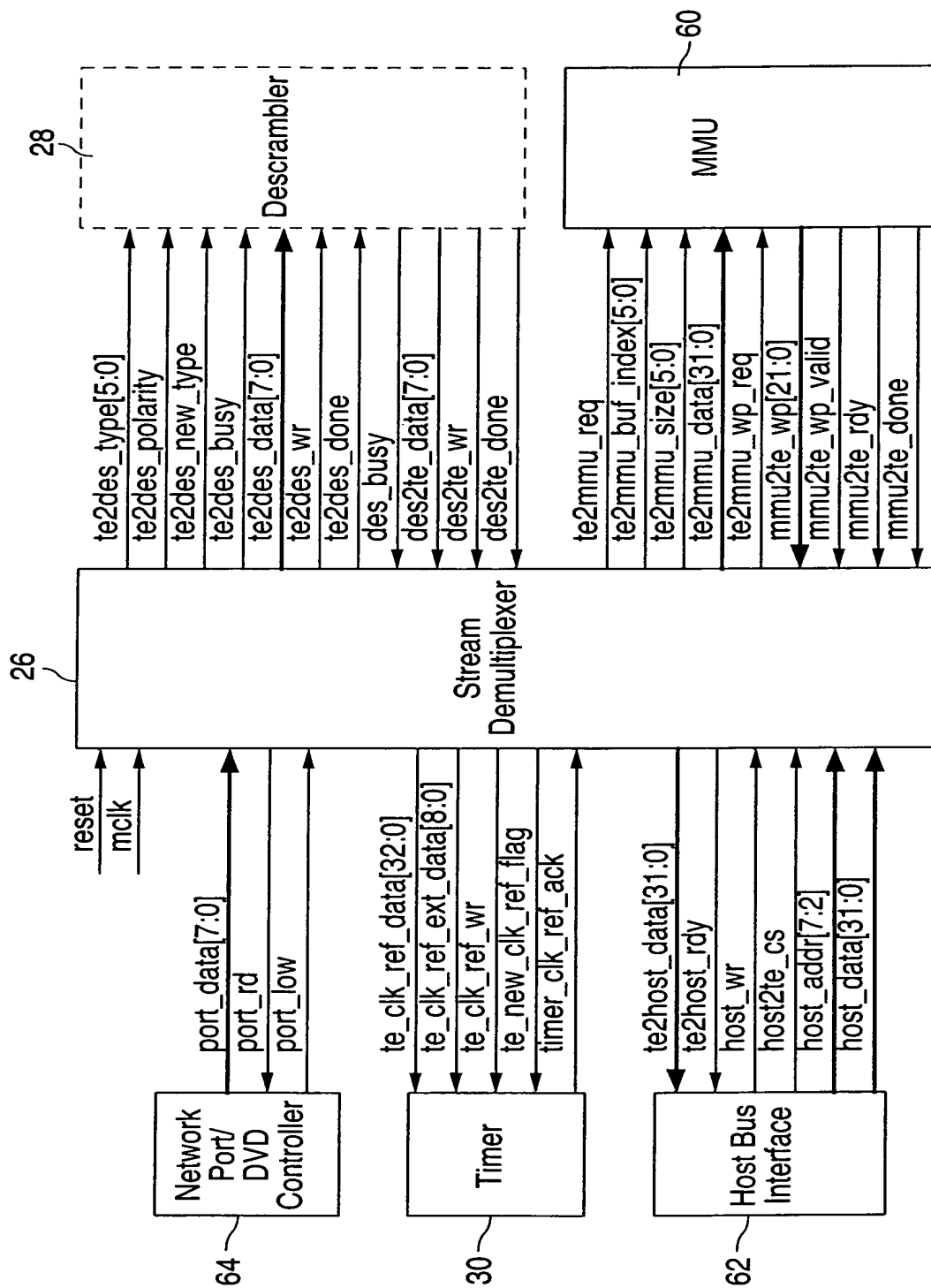


FIG. 6

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| | | | | |
|-----|-------|----|---------|---|
| N | 31:6 | 25 | | Reserved |
| | 6:5 | 2 | DTS | Valid DTS present 00 = no DTS 01 = DTS carried in PES 10 = DTS carried in DTS_next_AU field of transport packet 11 = reserved |
| | 4:3 | 2 | ERROR | Error Type 00, 01 = no error 10 = Transport Propagated Error 11 = Transport Continuity Error |
| | 2:0 | 3 | EVENT | Event Type 000 = Video Start Code 001 = Packet 010 = Substream Section 011 = Table Section 100-110 = reserved 111 = mid-stream error |
| N+1 | 31:27 | 5 | BUFFER | The number of the buffer containing the event |
| | 26:22 | 5 | OFFSET | Offset from address of the event, modulo buffer length |
| | 21:0 | 22 | ADDRESS | The byte address of the event in the buffer, minus offset modulo buffer length |
| N+2 | 31:0 | 32 | DATA_LO | Event Data Low. IF EVENT is 000 - 10: If DTS is 0 : bits [31:0] = reserved 1 : bits [31:0] = DTS[32:1] 011 : bits [31:0] = table header bytes 1, 2, 3, 4 100 - 111 : reserved |
| N+3 | 31:0 | 32 | DATA_HI | Event Data High. IF EVENT is 000 - 01 : bits [30:0] = reserved. If DTS is 0 : bits [31] = reserved 1 : bits [31] = DTS[0] |
| | | | | 010 : bits [23:0] = sub-stream header bytes 2, 3, 4 if Substream ID TYPE = 01 or 10. bits [7:1] = reserved If DTS is 0 : bit [31] = reserved 1 : bit [31] = DTS[0] 011 : bits [31:0] = table header bytes 5, 6, 7, 8 100 - 111 : reserved |

FIG. 7



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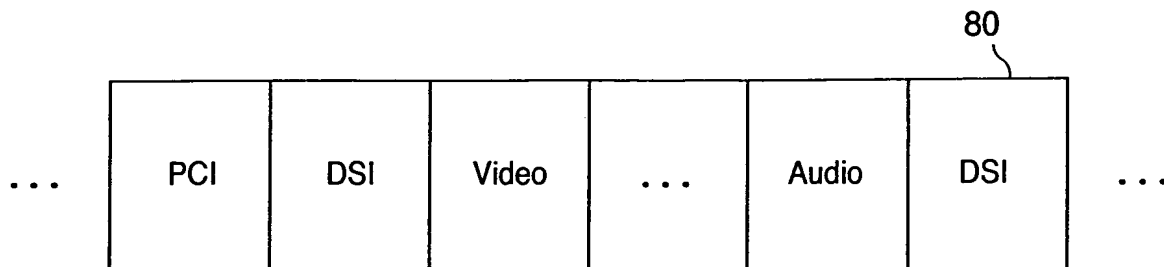


FIG. 8

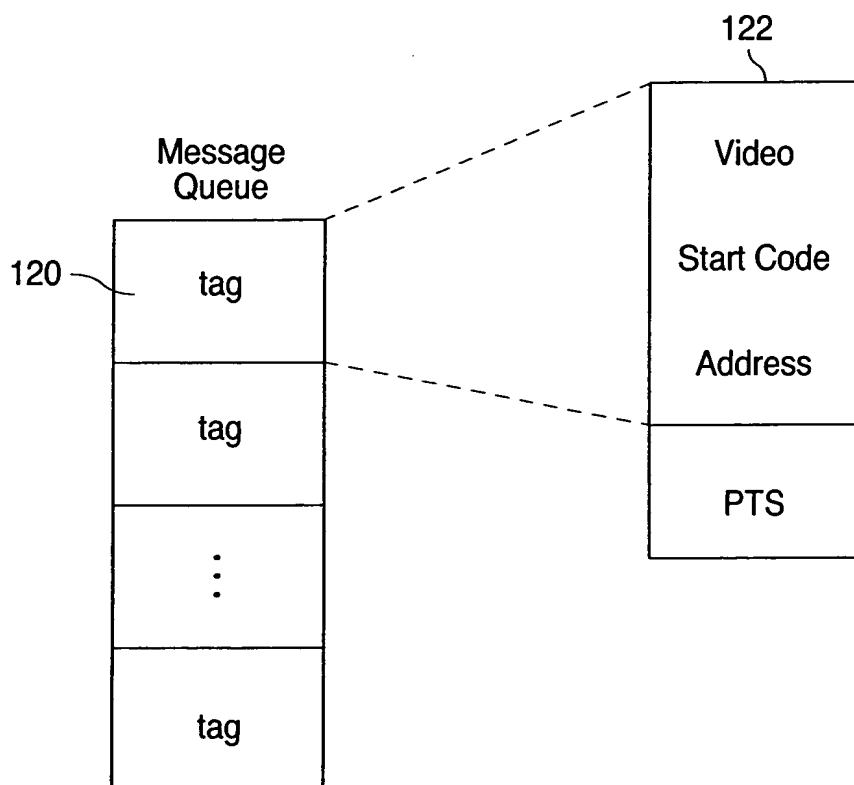


FIG. 9